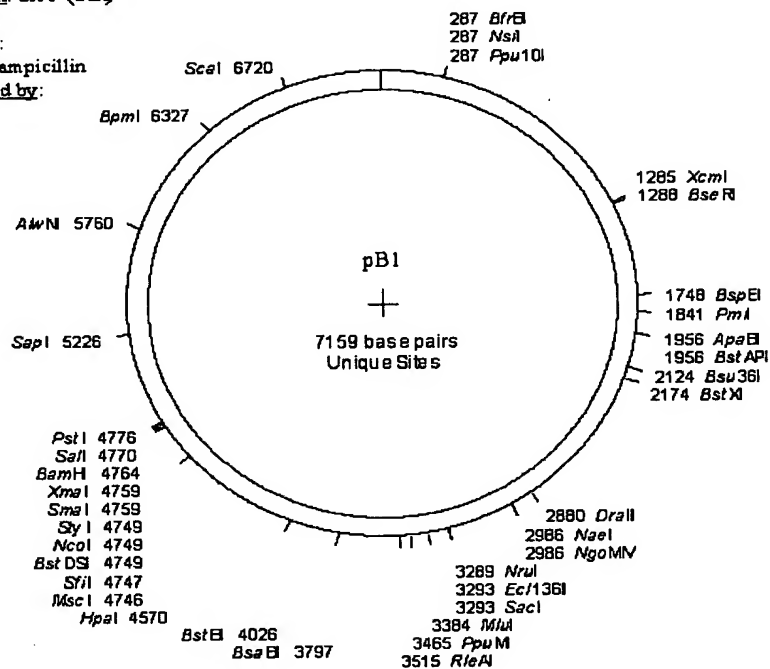


FIGURE 1

## pB1

Alias: pAS2DDApplication: 2HY (bait)Backbone:Specificity:Selection: ampicillinConstructed by:

## Oligo 160

gagagtagtaacaaagggtc AAAGACAGTTGACTGTATCGCCG GAA TTT AT

<u>Sfi I</u>	<u>Sma I</u>	<u>BamHI</u>	<u>Sal I</u>	<u>Pst I</u>								
G	GCC	ATG	GAG	GCC	CCG	GGG	ATC	CGT	CGA	CCT	GCA	GCC
<u>Nco I</u>												

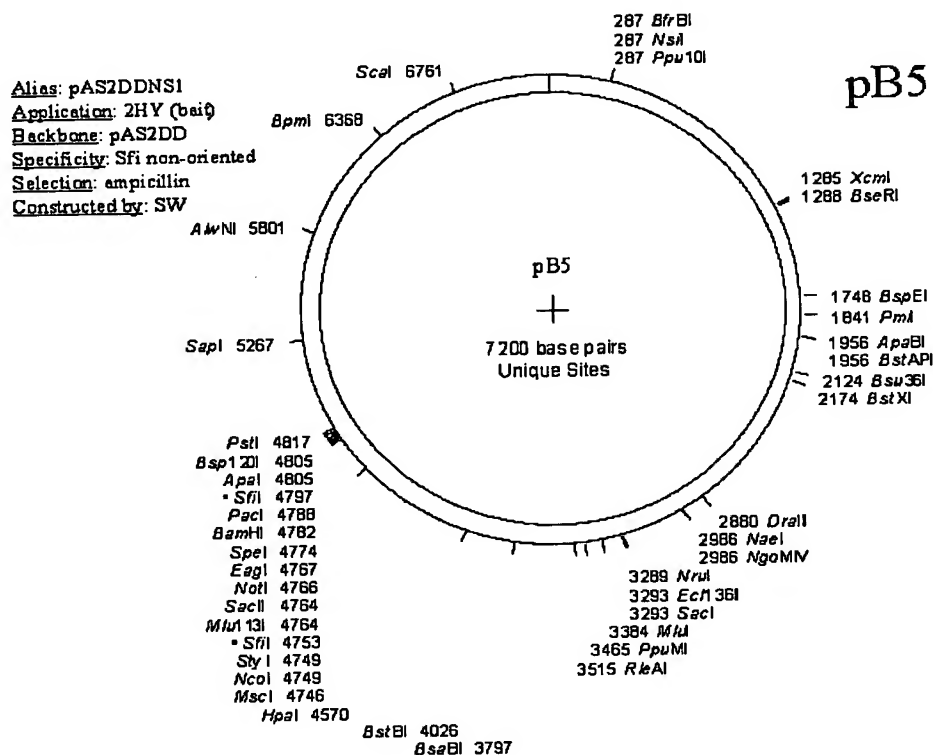
## Oligo 161

AAG CTA ATT ccgggcgaattcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'

Oligo 161 5' CATAAGAAATTCGCCCCG 3'

FIGURE 2



## Oligo 160

gagagtagtaacaaaggctc AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

Sfi I
Sac II
Spe I
Bam HI  
 GCC ATG GCC GCA GGG GCC GCG GCC GCA CTA GTG GGG ATC C  
Nco I
Not I

STOP
Sfi I
Pst I  
 TT AAT TAA GGG CCA CTG GGG CCC CTC GAC CTG CAG CCA  
Pac I

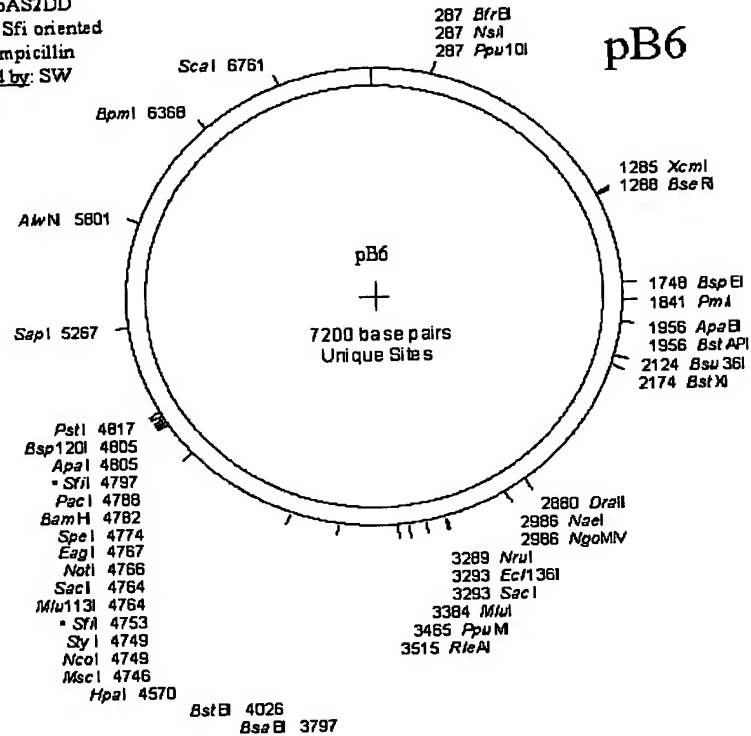
## Oligo 161

AGC TAA TT ccgggcgaattcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'  
 Oligo 161 5' CATAAGAAATTCGCCCCG 3'

FIGURE 3

Application: 2HY (bait)  
 Backbone: pAS2DD  
 Specificity: Sfi oriented  
 Selection: ampicillin  
 Constructed by: SW



## Oligo 160

gagagtagtaacaaaggtcAAAGACAGTTGACTGTATCGCCG GAA TTT ATG

Sfi I Sac II Spe I Bam HI  
 GCC ATG GCC GGA CGG GCC GCG GCC GCA CTA GTG GGG ATC C  
Nco I Not I

STOP Sfi I Apa I Pst I  
 TT AAT TAA GGG CCA CTG GGG CCC CTC GAC CTG CAG CCA  
Pac I

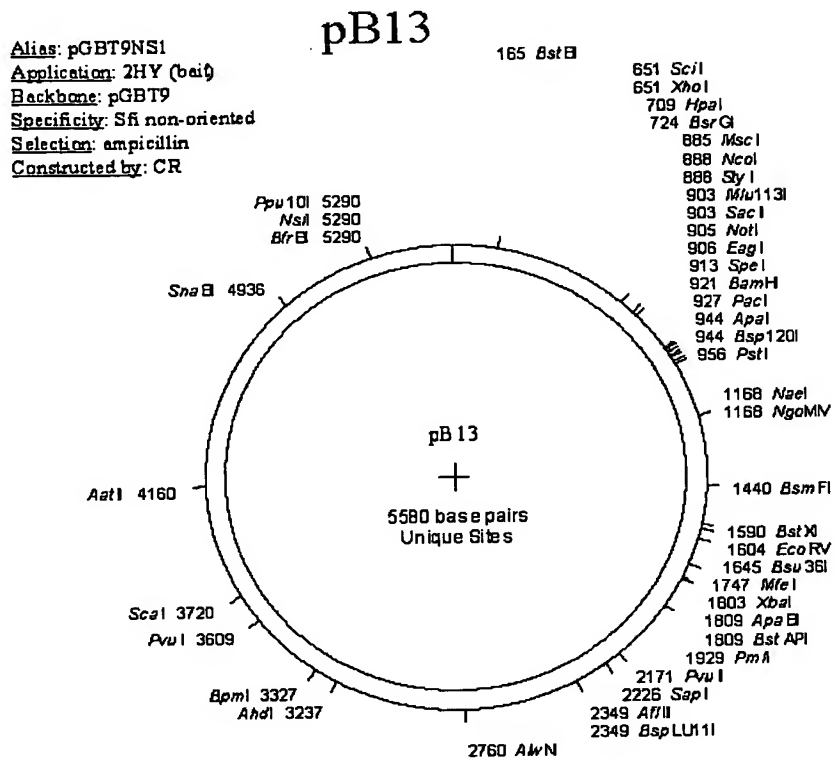
## Oligo 161

AGC TAA TT ccgggcgaatttctatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'

Oligo 161 5' CATAAGAAATTGCCCCG 3'

FIGURE 4



## Oligo 160

gagagtagtaacaaaggtc AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

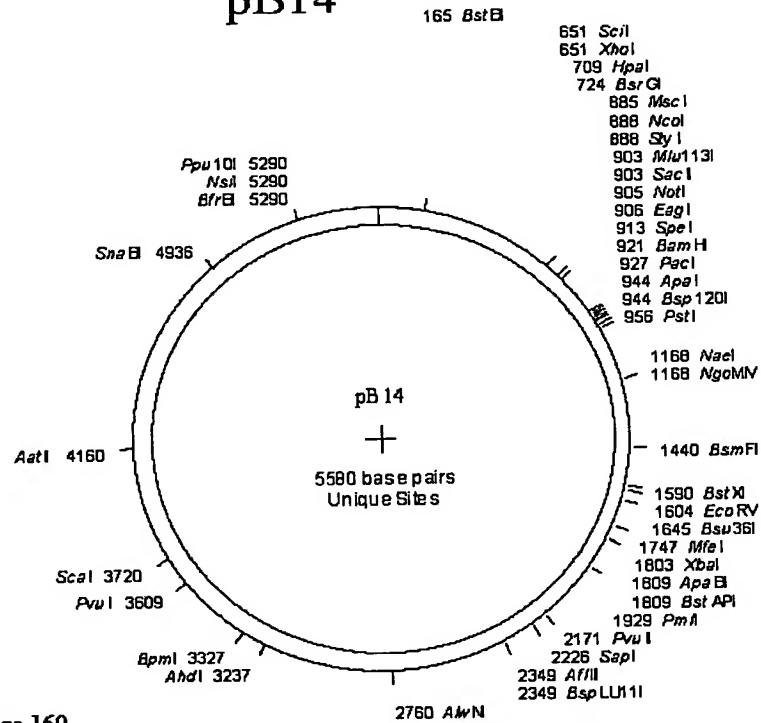
<u>Sfi I</u>		<u>Sac II</u>	<u>Spe I</u>								
GCC	ATG	GCC	GCA	GGG	GCC	GCG	GCC	GCA	CTA	GTG	
<u>Nco I</u>				<u>Not I</u>							
<u>Bam HI</u>		<u>STOP</u>		<u>Sfi I</u>							
GGG	ATC	CTT	AAT	<span style="border: 1px solid black;">TAA</span>	GGG	CCA	CTG	GGG	CCC	CTC	GAC
<u>Pac I</u>											
<u>Pst I</u>				<u>Oligo 161</u>							
CTG	CAG	CCA	AGC	TAA	TT	<span style="border: 1px solid black;">ccggggaatttcttatg</span>					

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'  
 Oligo 161 5' CATAAGAAATTCGCCCG 3'

FIGURE 5

Alias: pGBT9NS2  
 Application: 2HY (bait)  
 Backbone: pGBT9  
 Specificity: Sfi oriented  
 Selection: ampicillin  
 Constructed by: CR

pB14



Oligo 160

gagagtagtaacaaaggctc AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

Sfi I      Sac II      Spe I  
 GCC ATG GCC GGA CGG GCC GCG GCC GCA CTA GTG  
 Nco I      Not I

Bam HI      STOP      Sfi I      Apa I  
 GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAC  
 Pac I

Pst I      Oligo 161  
 CTG CAG CCA AGC TAA TT tcgggcgaatttcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'  
 Oligo 161 5' CATAAGAAATTCGCCCCG 3'

pB20

pLex10 (pB9)  
 Sfi-oriented  
 ampicillin  
 by: LD

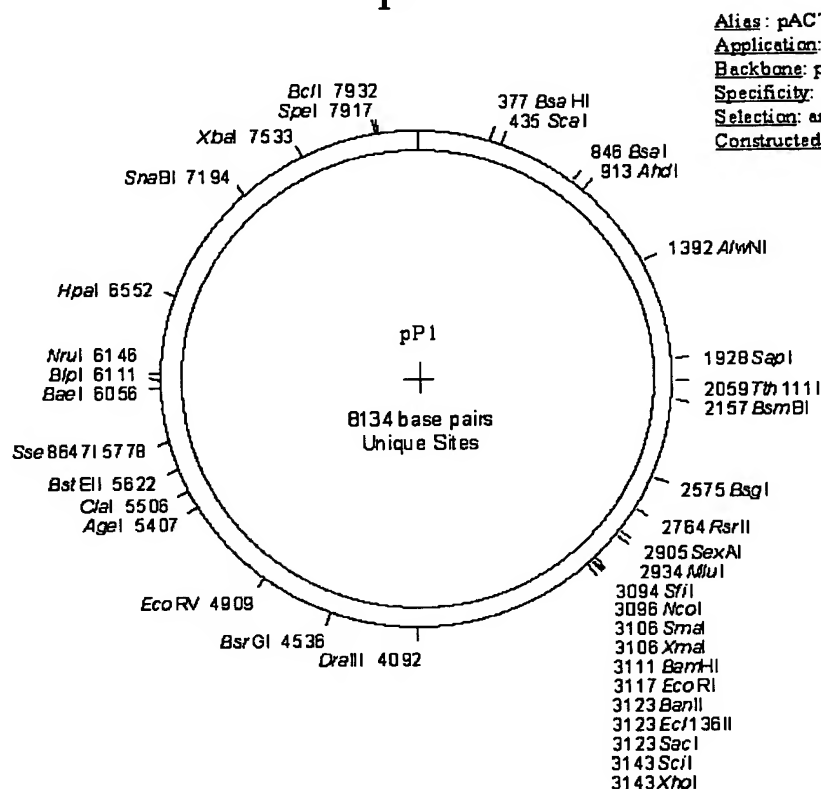
161 *Bst*B  
 447 *Hinc*I  
 447 *Hpa*I  
 486 *Bcl*I  
 517 *Mlu*I  
 759 *Bsm*I  
 957 *Pme*I  
 975 *Bgl*I  
 998 *Xcm*I  
 1045 *Eco*R  
 1053 *Sfi*I  
 1064 *Bst*DS  
 1064 *Mlu*1131  
 1064 *Sac*I  
 1066 *Not*I  
 1067 *Eag*I  
 1074 *Spe*I  
 1082 *Bam*HI  
 1088 *Pac*I  
 1097 *Sfi*I  
 1105 *Apal*  
 1105 *Bsp*120I  
 1117 *Pst*I  
 1329 *Nae*I  
 1329 *Ngo*MMV  
 1601 *Bsm*FI  
 1751 *Bst*XI  
 1806 *Bsu*36I  
 1964 *Xba*I  
 1970 *Apa*BI  
 1970 *Bst*API  
 2090 *Pma*I  
 2332 *Pvu*I  
 2387 *Sap*I  
 2510 *Bsp*LU11  
 2921 *Alw*NI  
 3488 *Bpm*I  
 3470 *Bsa*I  
 3398 *Ahd*I  
 3770 *Pvu*I  
 3881 *Scal*I  
 4321 *Aat*I

pB20  
 5746 base pairs  
 Unique Sites

- 6/16 -

FIGURE 7

pP1



ABS1

cgtttggaatcactacagg

GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

JC90

cgatgatgaagataccccaccaa

Bgl II

CCCAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTTCAG

Sfi I

Sma I

BamHI

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GAG GCC CCG GGG ATC CGA ATT

Nco I

Sac I

Xho I

Bgl II

CGA GCT CGA CTA GCT AGC TGA CTC GAG AGA TCT ATGAAT

cgtagatactgaaaaacccc GCAAGTT

cacttcaactgtgcatcgtg

caccatctcaatttc

162

ABS2

53

ABS1 5' CGTTTGGAATCACTACAGG 3'

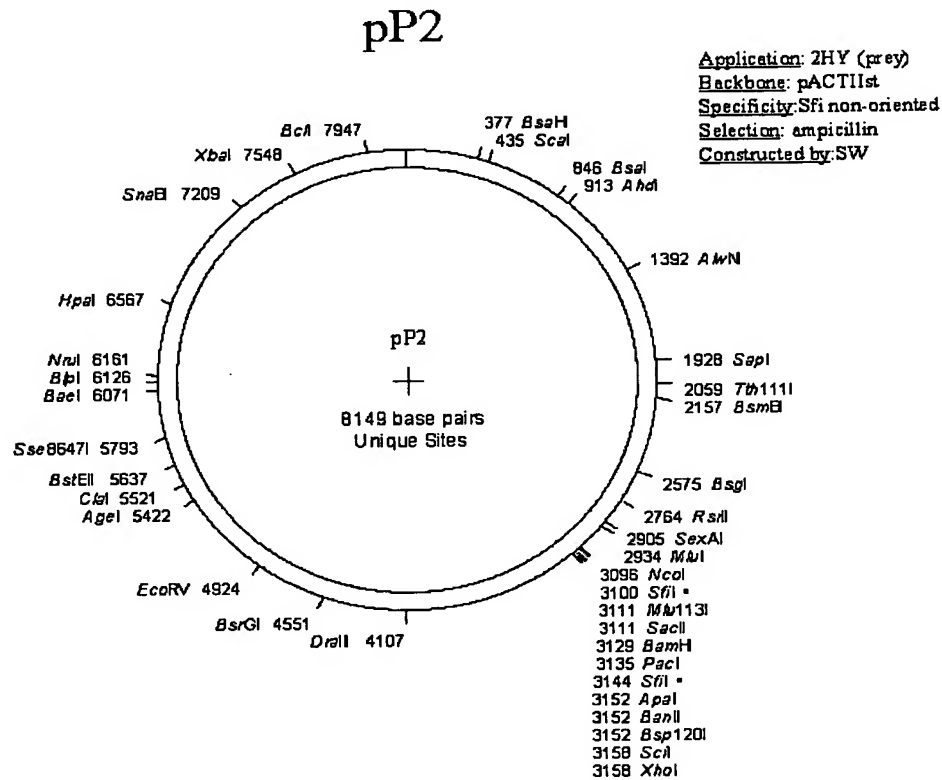
JC90 5' CGATGATGAAGATACCCACCAAA 3'

162 5' GGGGTTTTTCAGTATCTACG 3'

ABS2 5' CACGATGCACAGTTGAAGTG 3'

53 5' GAAATTGAGATGGTGACGATGCAC 3'

FIGURE 8

**ABS1**

CG cgtttggaatc actacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

**JC90****Bgl II**

cgatgatgaagataccccacccaaa CCCAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

**Sfi I****Sac II**

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GCC GCA GGG GCC GCG GCC GCA  
 Nco I

**BamH I****Pac I**

CTA GTG GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAG AGA TCT  
 Stop

ATGAAT cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttc

162

ABS2

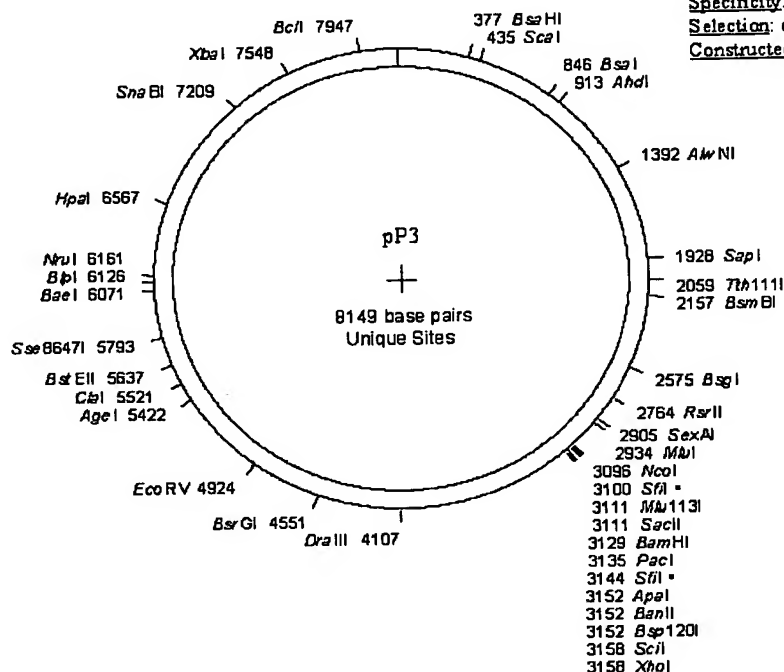
53

ABS1 5' CGTTTGGAATCACTACAGG 3'  
 JC90 5' CGATGATGAAGATACCCACCAAA 3'  
 162 5' GGGGTTTTTCAGTATCTACG 3'  
 ABS2 5' CACGATGCACAGTTGAAGTG 3'  
 53 5' GAAATTGAGATGGTGACGATGCAC 3'



FIGURE 9

pP3



## ABS1

CG cgtttgaatcactacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

## JC90

## Bgl II

cgatgatgaagataccccaccaaa CCCAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

## Sfi I

## Sac II

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GCC GGA CGG GCC GCG GCC GCA  
 Nco I

## BamH I

## Pac I

CTA GTG GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAG AGA TCT  
 Stop

ATGAAT cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttc

162

ABS2

53

ABS1 5' CGTTTGAATCACTACAGG 3'

JC90 5' CGATGATGAAGATACCCCACCAAA 3'

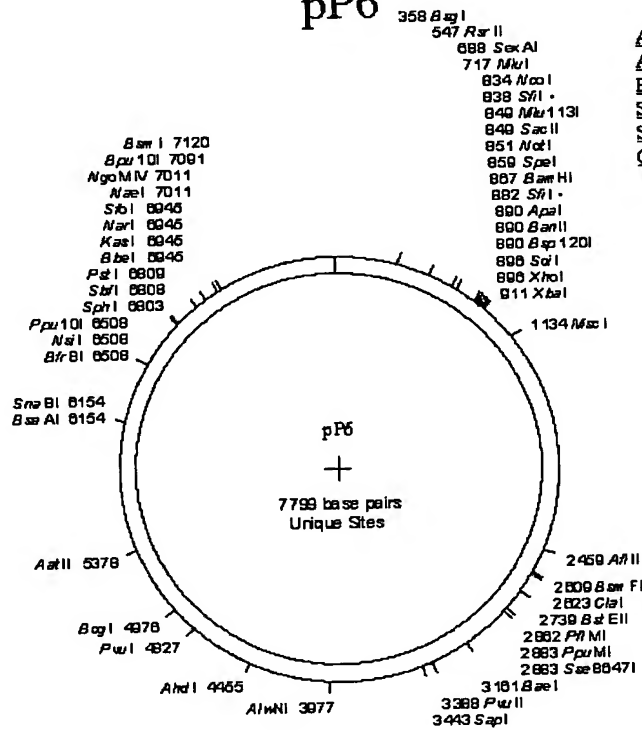
162 5' GGGGTTTTTCAGTATCTACG 3'

ABS2 5' CACGATGCACAGTTGAAGTG 3'

53 5' GAAATTGAGATGGTGCACGATGCAC 3'

FIGURE 10

pP6



Alias: pGAD3S2XNS1  
 Application: 2HY (prey)  
 Backbone: pGAD3S2X  
 Specificity: Sfi non-oriented  
 Selection: ampicillin  
 Constructed by: SW

ABS1

cgtttgggaatcactacagg

GATGTTTAATAOCCACTACAATGGATGATGTATATAACTATCTATT

1188

cgatgatgaagatacccacacaaa

CCCAAAAAAGAGATCCTAGAACTA

JC90

Sfi I

Sac II

Spe I

Bam HI

GCC ATG GCC GCA GGG GCC GCG GCC GCA CTA GTG GGG ATC C  
 Nco I Not I

STOP

Sfi I

Xho I

Xba I

TT AAT TAA GGG CCA CTG GGG CCC CTC GAG TAG CTA GTG TCT AGA  
 STOP STOP STOP

GGCCCGGTACCCAATTCGCCCTATAGTGAGTCGTATTACAATTCACCTGGCCG TCGTTTTA

CAACGTCGTGACTGGGAAAACCTGATCTATGAAT cgtagatactgaaaaacccc GCAA

GTT

cacttcaactgtgcatcgtg

caccatctcaatttcttc

162

ABS2

53

ABS1 5' CGTTTGGGAATCACTACAGG 3'

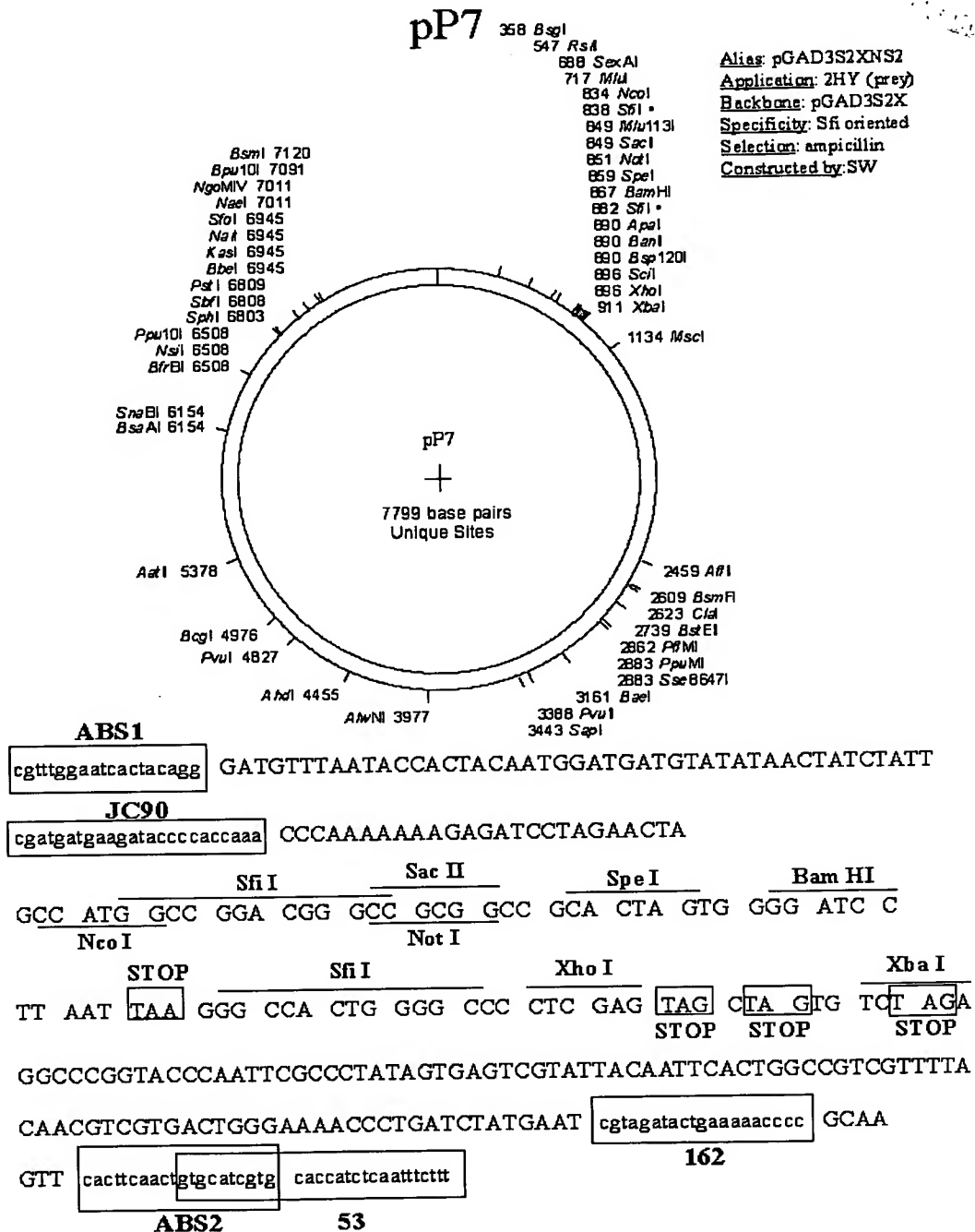
JC90 5' CGATGATGAAGATACCCACCAAA 3'

162 5' GGGGTTTTTCAGTATCTACG 3'

ABS2 5' CACGATGCACAGTTGAAGTG 3'

53 5' GAAATTGAGATGGTGCACGATGCAC 3'

FIGURE 11



ABS1 5' CGTTTGGAATCACTACAGG 3'  
 JC90 5' CGATGATGAAGATACCCACCAAAA 3'  
 162 5' GGGGTTTTTTCAGTATCTACG 3'  
 ABS2 5' CACGATGCACAGTTGAAGTG 3'  
 53 5' GAAATTGAGATGGTGACGATGCAC 3'

FIGURE 12

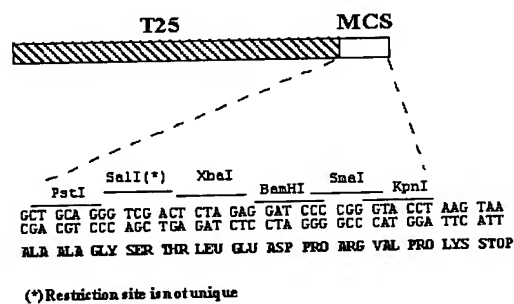
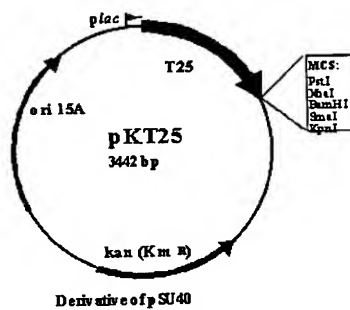
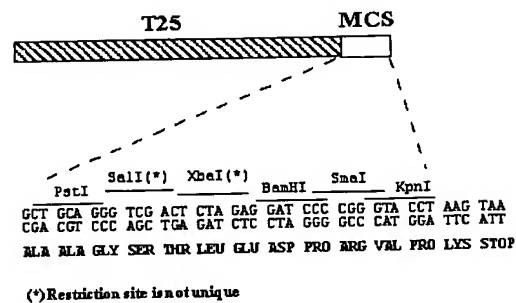
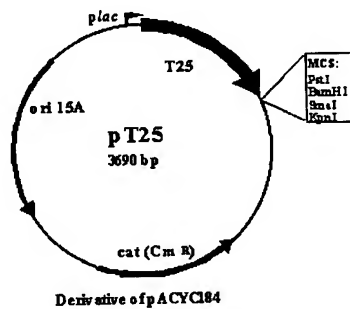


FIGURE 13

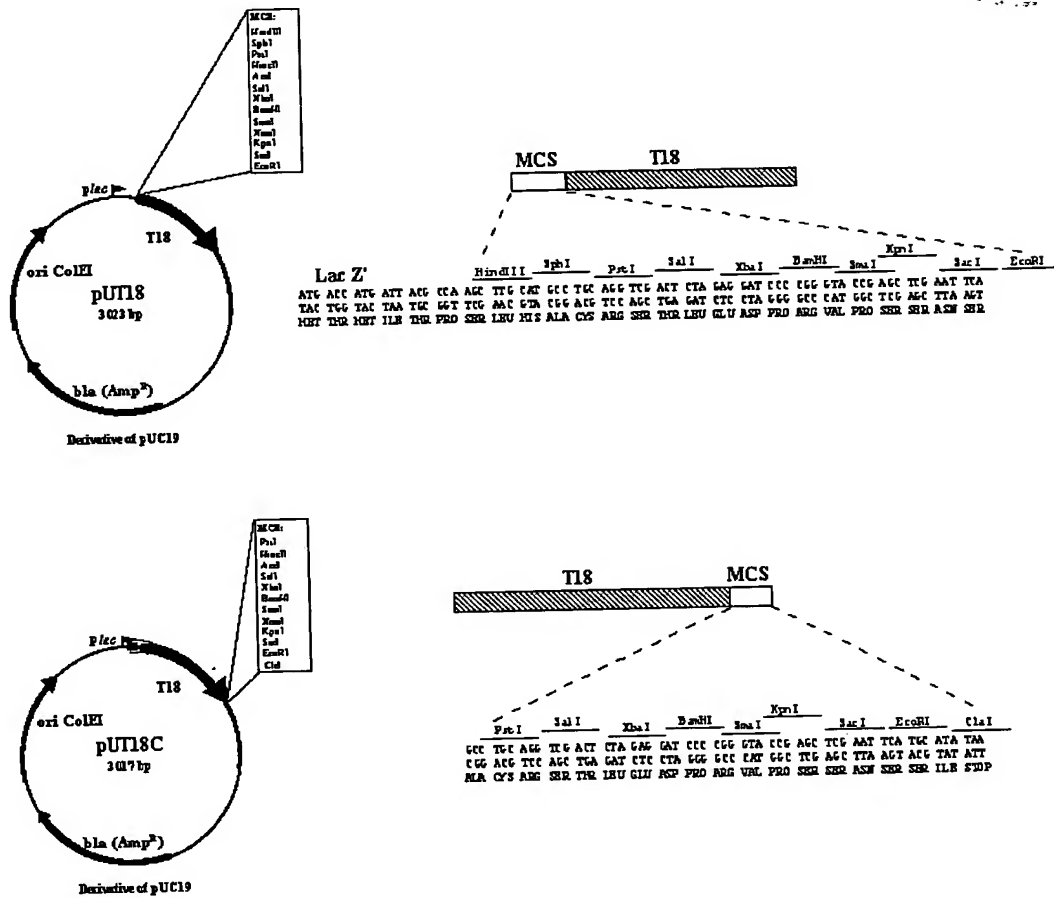


FIGURE 14

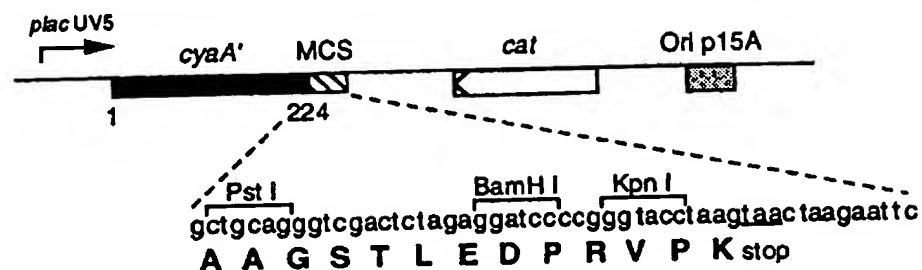
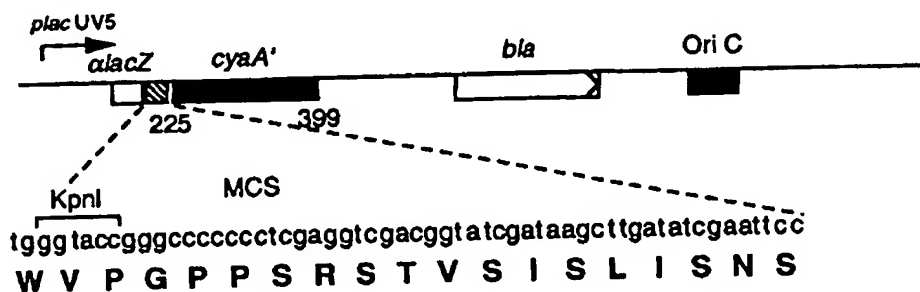
**pCmAHL1****pT25****pT18**

FIGURE 15

Selective Interaction Domain (SID®)

Protein

Selected  
fragments  
(Preys)

Interacting domain

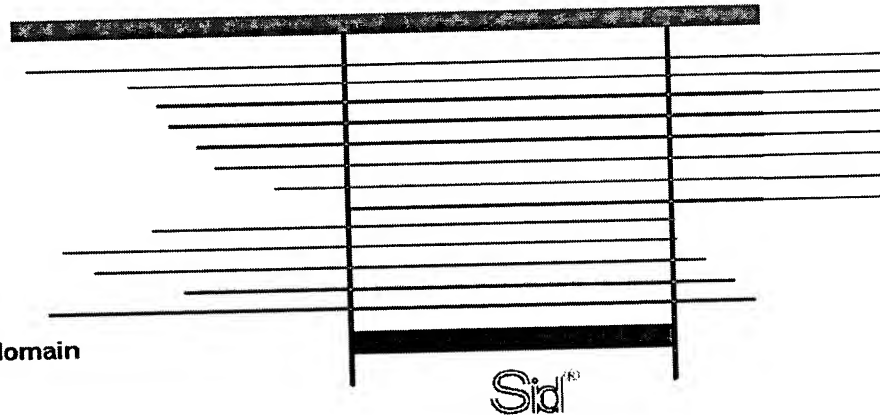


FIGURE 16

## Protein Interaction Map (PIM®)

